

WHAT IS CLAIMED IS:

1 1. An electromagnetic shielding plate (for shielding
2 electromagnetic radiation by covering at least a part of the
3 object comprising:

4 a covering plate formed of a conductive plate; and
5 a plurality of connecting strips provided along the edge
6 of said covering plate;

7 wherein each of the connecting strips is bent so that the
8 tip portion thereof projects from a surface of the covering
9 plate.

1 2. An electromagnetic shielding plate according to
2 Claim 1, further comprising a supporting portion for
3 establishing a space between said electromagnetic shielding
4 plate and said object.

1 3. An electromagnetic shielding plate according to Claim
2 2, wherein said supporting portion comprises a connecting
3 portion for connecting said electromagnetic shielding plate
4 with said object.

1 4. An electromagnetic shielding plate according to Claim
2 3, wherein said covering plate and said connecting strip are
3 integrally formed.

AP
A1

AP
C1

000000" 86T85960

2 Claims 9, wherein said supporting portion comprises a connecting
3 portion for connecting said electromagnetic shielding plate
4 with said object.

1 11. An electromagnetic shielding plate according to
2 Claim 10, wherein said connecting strips projecting from said
3 covering plate are higher than said supporting portion.

1 12. An electromagnetic shielding plate according to
2 Claims 11, wherein said covering plate and said connecting
3 strip are integrally formed.

1 13. An electromagnetic shielding plate according to
2 Claim 8, wherein said covering plate and said connecting strip
3 are integrally formed.

1 14. An electromagnetic shielding plate according to
2 Claims 9, wherein said connecting strips projecting from said
3 covering plate are higher than said supporting portion.

1 15. An electromagnetic shielding plate according to
2 Claim 14, wherein said covering plate and said connecting strip
3 are integrally formed.

1 16. An electromagnetic shielding plate according to
2 Claim 1, wherein said covering plate and said connecting strip

3 are integrally formed.

1 17. An electromagnetic shielding plate for shielding
2 electromagnetic radiation by covering at least a part of the
3 object comprising:

4 a box-shaped structure having a plate portion and a side
5 surface portion provided around said plate portion;

6 wherein notches extending from the edge of said side
7 surface portion to a part of said plate portion are provided
8 at a plurality of locations along the edge of said side surface
9 portion.

1 18. An electromagnetic shielding plate according to
2 Claim 17, wherein said side surface portion is divided into
3 portions by said notches, and said respective portions are
4 supported by the plate portion with the respective tips being
5 displaceable.

1 19. An electromagnetic shielding structure comprising:
2 an object including a circuit element mounted thereon;
3 and

4 an electromagnetic shielding plate for shielding
5 electromagnetic radiation by covering at least a part of said
6 object;

7 said object comprising a band-shaped ground pattern
8 surrounding an area on which electromagnetic shielding is to

008060" 86785960

9 be provided on a surface where said circuit element is mounted;
10 said electromagnetic shielding plates comprising a
11 covering plate formed of a conductive plate and a plurality of
12 connecting strips provided along the edge of said covering
13 plate;

14 wherein said connecting strips are bent in such a manner
15 that the chip portions thereof project from the surface of said
16 covering plate; and

17 said electromagnetic shielding plate and said object are
18 kept in a positional relationship wherein the tips of said
19 connecting strips are in press contact with said ground pattern. b 9

1 20. An electromagnetic shielding structure according to
2 Claim 19, further comprising a supporting portion for
3 establishing a space between said electromagnetic shielding
4 plate and said object.

1 21. An electromagnetic shielding structure according to
2 claim 20, wherein said supporting portion comprises a
3 connecting portion for connecting said electromagnetic
4 shielding plate with said object.

1 22. An electromagnetic shielding structure according to
2 Claim 21, wherein the tips of said connecting strips projecting
3 from said covering plate is higher than said supporting portion
4 in a state where said electromagnetic shielding plate is

92P
CK

5 positioned away from said object.

1 23. An electromagnetic shielding structure according to
2 Claim 20, wherein the tips of said connecting strips projecting
3 from said covering plate is higher than said supporting portion
4 in a state where said electromagnetic shielding plate is
5 positioned away from said object.

1 24. An entertainment system comprising :

2 — a main control circuit substrate including a circuit
3 element mounted thereon;

4 an electromagnetic shielding plate for shielding
5 electromagnetic radiation by covering at least a part of said
6 main control circuit substrate; and

7 an electric power supply unit;

8 said main control circuit substrate comprising a
9 band-shaped ground pattern enclosing an area on which
10 electromagnetic shielding is to be provided on a surface where
11 said circuit element is mounted;

12 said electromagnetic shielding plate comprising a
13 covering plate formed of a conductive plate and a plurality of
14 connecting strips provided along the edge of said covering
15 plate;

16 said connecting strips are bent in such a manner that
17 the tip portions thereof project from the surface of said
18 covering plate; and

19 said electromagnetic shielding plate and said object are
20 kept in a positional relationship wherein the tips of said
21 connecting strips are in press contact with said ground pattern.

25. An entertainment system according to Claim 24, further comprising a supporting portion for establishing a space between said electromagnetic shielding plate and said main control circuit substrate, wherein said electromagnetic shielding plate and said main control circuit substrate are secured via said supporting portion.

1 26. An entertainment system according to Claim 25,
2 wherein the tips of said connecting strips projecting from said
3 covering plate is higher than said supporting portion in a state
4 where said electromagnetic shielding plate is positioned away
5 from said main control circuit substrate.